

Converting Colors

HunterLab(28.8022, 18.7170,
-17.2172)

Have a look what the booklet for
HunterLab(28.8022, 18.7170,
-17.2172) contains.

HunterLab(28.7552, 18.9679, -17.2890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(28.7552, 18.9679,
-17.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4276
RGB	106, 66, 118
RGB Percent	42%, 26%, 46%
CMY	0.5843, 0.7412, 0.5373
CMYK	0.10, 0.44, 0.00, 0.54
HSL	286°, 28%, 36%
HSV	286°, 44%, 46%
XYZ	11.1621, 8.2686, 18.1473
YIQ	83.8880, 7.1480, 24.6520

Conversions

Conversions Part 2

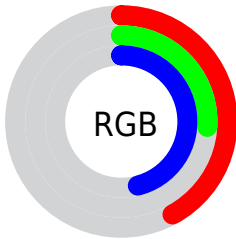
Format	Color
R_{YB}	106, 66, 118
Decimal	6963830
CIE _{Lab}	34.54, 27.02, -22.93
CIE _{LCh}	35, 35.443, 319.682
Yxy	8.2690, 0.2970, 0.2200
Android (android.graphics.Color)	4285153910 (0xFF6A4276)
YUV	83.8880, 16.8172, 19.3922
Hunter-Lab	28.7552, 18.9679, -17.2890

Details

The HunterLab color $[28.7552, 18.9679, -17.2890]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[38.6913, -18.7889, 15.6136]$, and the grayscale version is $[29.6737, -1.5833, 1.6122]$.

A 20% lighter version of the original color is $[47.3633, 20.7054, -18.0591]$, and $[13.4158, 16.5933, -16.3250]$ is the 20% darker color. If you saturate the color by 10%, you get $[26.2016, 23.7994, -22.2224]$, and if you desaturate by 10%, it is $[31.5634, 14.0592, -12.5005]$.

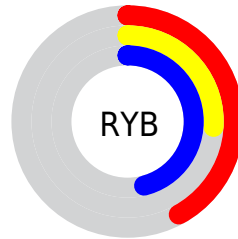
Distribution



Red (42%)

Green (26%)

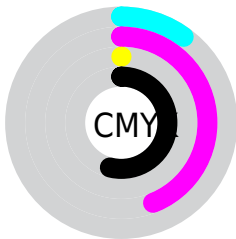
Blue (46%)



Red (42%)

Yellow (26%)

Blue (46%)

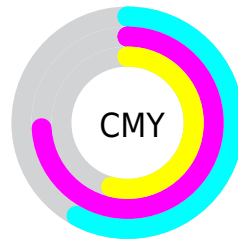


Cyan (10%)

Magenta (44%)

Yellow (0%)

Black (54%)



Cyan (58%)













Magenta (74%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7552, 18.9679, -17.2890 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 28.7552, 18.9679, -17.2890 by changing the saturation by 10% instead.

 28.7552, 18.9679, -17.2890	 28.7552, 18.9679, -17.2890
 133.3517, 24.5275, -19.5701	 20.6580, 17.8033, -16.7812
 47.4174, 20.8819, -18.2059	 13.5067, 16.4890, -16.3416
 57.8502, 21.6624, -18.5784	 7.0870, 17.1407, -17.6491
 68.9527, 22.3419, -18.8884	0.0000, INF, -NF
 80.6865, 22.9307, -19.1371	0.0000, NaN, NaN
 93.0195, 23.4371, -19.3270	0.0000, NaN, NaN
 105.9236, 23.8682,	0.0000, NaN, NaN

-19.4606

0.0000, NaN, NaN

119.3749, 24.2300,
-19.5408

■ 28.7552, 18.9679,
-17.2890

■ 28.7552, 18.9679,
-17.2890

■ 26.2016, 23.7994,
-22.2224

■ 31.5634, 14.0592,
-12.5005

■ 23.9452, 28.3883,
-27.1873

■ 34.5862, 9.1722,
-7.9096

■ 22.0333, 32.4792,
-31.9763

■ 37.7923, 4.3546,
-3.5257

■ 20.5081, 35.7455,
-36.2890

■ 41.1559, -0.3745,
0.6617

■ 19.3784, 37.9199,
-39.8356

■ 44.6561, -5.0125,
4.6727

■ 18.7629, 39.1032,
-41.9145

■ 48.2760, -9.5648,
8.5299

■ 52.0020, -14.0410,
12.2558

■ 55.8231, -18.4515,
15.8707

■ 59.7298, -22.8067,
19.3925

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.7558, 6.9323, -28.9770



28.7552, 18.9679, -17.2890



28.7558, 25.8434, -2.7949

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.7558, 18.9671, -17.2881



28.7558, 2.8548, 16.1231



28.7558, -20.6986, -7.1576

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.7552, 18.9679, -17.2890



38.6913, -18.7889, 15.6136

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.7558, -21.4144, 5.3342



28.7552, 18.9679, -17.2890



28.7558, -9.1250, 15.7687

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.7558, 18.9671, -17.2881



28.7558, 15.5513, 14.0346



28.7558, -17.5338, 12.7034



28.7558, -15.3788, -21.6181

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.7552, 18.9679, -17.2890



28.7558, 25.9051, 5.1205



28.7558, -17.5338, 12.7034



28.7558, -21.4467, -2.5113

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.7558, 18.9671, -17.2881



50.4374, 5.3047, -4.2544



28.1680, 2.9922, -18.6674



23.8075, 3.0916, -2.5317



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.7558, 18.9671, -17.2881



34.6626, 31.7181, -29.6348



29.5813, 20.1919, -7.7403



19.2805, 0.9581, -0.6806



19.5010, 40.6523, -43.6478



42.5823, 89.1171, -98.0153

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.8069, 16.4774, 3.2035



34.8486, 27.7334, 5.2645



38.3309, -19.7260, 11.5740



19.2703, 0.6925, 1.0959



20.6200, 35.7248, 10.1279



45.3957, 78.4070, 24.1745

Previews

White Background



This preview shows how the HunterLab color 28.7552, 18.9679, -17.2890 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 28.7552, 18.9679, -17.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

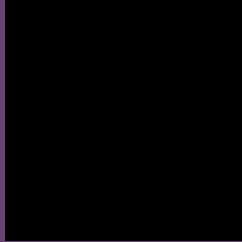
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 28.7552, 18.9679, -17.2890 Background



This preview shows how black text looks on a background with the HunterLab color 28.7552, 18.9679, -17.2890.



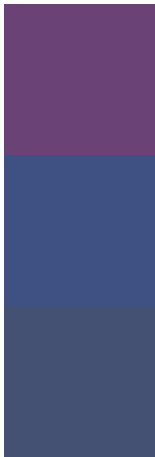
This preview shows how white text looks on a background with the HunterLab color 28.7552, 18.9679, -17.2890.

-17.2890.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.7552, 18.9679, -17.2890

Protanopia

28.9927, 4.3519, -25.2471

Deuteranopia

28.9618, 1.6504, -15.3295



Tritanopia

28.7114, 7.3471, 2.1481

Trichromacy



Original Color

28.7552, 18.9679, -17.2890

Protanomaly

28.6370, 9.1406, -23.0609

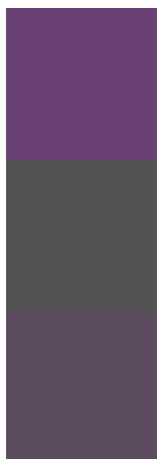
Deuteranomaly

28.6770, 7.1836, -16.3652

Tritanomaly

28.6325, 11.4066, -4.0854

Monochromacy



Original Color

28.7552, 18.9679, -17.2890

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.0303, 5.6352, -4.6143

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7552, 18.9679, -17.2890 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(106, 66, 118)` looks like.

```
.text, #text, p{  
    color:rgb(106, 66, 118)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(106, 66, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 66, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7552, 18.9679, -17.2890 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 66, 118) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(106, 66, 118) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(106, 66, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 66, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 66, 118);  
box-shadow:4px 4px 4px 4px rgb(106, 66,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7552, 18.9679, -17.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 66, 118) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(106, 66,  
118) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor